

Suggested Course of Study for 3-2 Program in  
Biomedical Engineering

Fall – Year 1

MTH 1410 – Calculus I - 4  
CSC 1710 – Intro to Programming - 4  
CHM 1010 – Gen. Chemistry I – 3  
CHM 1011 – Gen. Chm. I Lab - 1  
FYS 1000 – First Year Seminar - 4  
EXP 1101 - President's Seminar - 1

17 hours

Spring – Year 1

MTH 1420 – Calculus II – 4  
CSC 1720 – Advanced Programming- 4  
CHM 1020 – Gen. Chemistry II – 3  
CHM 1021 – Gen. Chm. II Lab - 1  
ENG 1103 – College Writing - 4  
Foreign Language Core - 4

20 hours

Fall – Year 2

MTH 2410 – Calculus III – 4  
BIO 1100 – Biology - 4  
PHY 2010 – Fund. of Physics I – 4  
History Area I Elective - 4  
Physical Education Core - 1

17 hours

Spring – Year 2

MTH 2310 – Linear Algebra - 4  
BIO 2070 – Human Anatomy - 4  
PHY 2020 – Fund. of Physics II – 4  
Vis/Perform Arts Area I Elective - 4  
Literature Area I Elective - 4

20 hours

Fall – Year 3

Social Science Area II Elective – 4  
MTH 3410 – Differential Equations - 4  
ECO 2030 – Macroeconomics – 4  
Religion Area I Elective – 4  
Global Studies Elective – 4

20 hours

Spring – Year 3

STS 3200 – Math Stats & Data Ana.– 4  
ECO 2050 – Microeconomics – 4  
PHY 2100 – Electronics - 4  
Ethical Reasoning Core – 4

16 hours